

LOW POWER HARD DISK DRIVE USING MULTIPLE,  
INDIVIDUALLY CONTROLLABLE ACTUATORS

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Abstract of the Disclosure

10 A disk drive which incorporates separate actuators for each recording head so as to  
only place required recording heads over the recording media of multiple surface  
hard disk drives. The reduction in recording heads that are placed over the  
recording media reduces drag on the rotating disk holding the recording media and  
thereby reduces the power consumption. Reducing the number of recording heads  
15 over the recording media also reduces damage to the recording media surfaces in  
the event of a physical shock to the drive since inactive transducer heads are not in  
a position to damage the recording media.

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